

IN THE SPECIFICATION:

Pursuant to 37 C.F.R. §§ 1.121 and 1.125 (as amended to date), please enter the substitute specification in clean form and including paragraph numbers [0001] through [0050] and Abstract attached hereto as Appendix A. A marked-up substitute specification to clearly identify amendments to the specification and Abstract as required by 37 C.F.R. § 1.121(b)(3)(iii) is attached hereto as Appendix B. It is respectfully submitted that the substitute specification does not introduce new matter into the above-referenced patent application.

A paper copy of the Sequence Listing, starting on a separate page immediately following the Abstract, has been placed in the substitute specification.